



MIAMI-SOUTH FLORIDA

National Weather Service

Forecast Office

<http://www.weather.gov/miami>

NWS Damage Survey for Palm Beach Gardens Tornado April 6th, 2022

Overview:

On Wednesday evening, April 6th, a strong thunderstorm developed over northern Palm Beach county along outflow from a previous thunderstorm. The storm moved south along that boundary while the boundary itself moved slowly eastward towards the Atlantic coast. The combination of the existing storm ingesting the boundary and a newly developing storm merging with the existing one resulted in the development of low-level rotation. A funnel cloud persisted for a while across the Palm Beach Gardens and North Palm Beach communities before eventually producing a short-lived EF-0 tornado centered between Military Trail and I-95, just south of PGA Boulevard. The tornado then lifted and the storm eventually went on to produce a waterspout over the Intracoastal Waterway near West Palm Beach. Lightning from this storm also sparked a couple of small brush fires in the vicinity of PGA Boulevard.

Statistics:

Rating: EF0
Estimated Peak Wind: 85 mph
Path Length /statute/: 0.5859 miles
Path Width /maximum/: 100.0 yards
Fatalities: 0
Injuries: 0

Start Time: 05:23 PM EDT
Start Location: Palm Beach Gardens, FL
Start Lat/Lon: 26.8307 / -80.1042

End Time: 05:31 PM EDT
End Location: 1 SSW Palm Beach Gardens, FL
End Lat/Lon: 26.823 / -80.1067

Survey Summary:

Today (Thursday), a team from the Miami forecast office met with Emergency Management in Palm Beach County and surveyed the damage associated with the tornado. It was determined to be a high-end EF-0 with maximum winds estimated around 85 mph. The damage path primarily consisted of tree and

branch damage, with isolated more substantial damage to light poles, awnings, and structures. A measured wind gust of 78 mph was reported within the damage path at Palm Beach Gardens High School. The damage was primarily confined along Military trail from Burns Rd. to just south of Holly Dr.

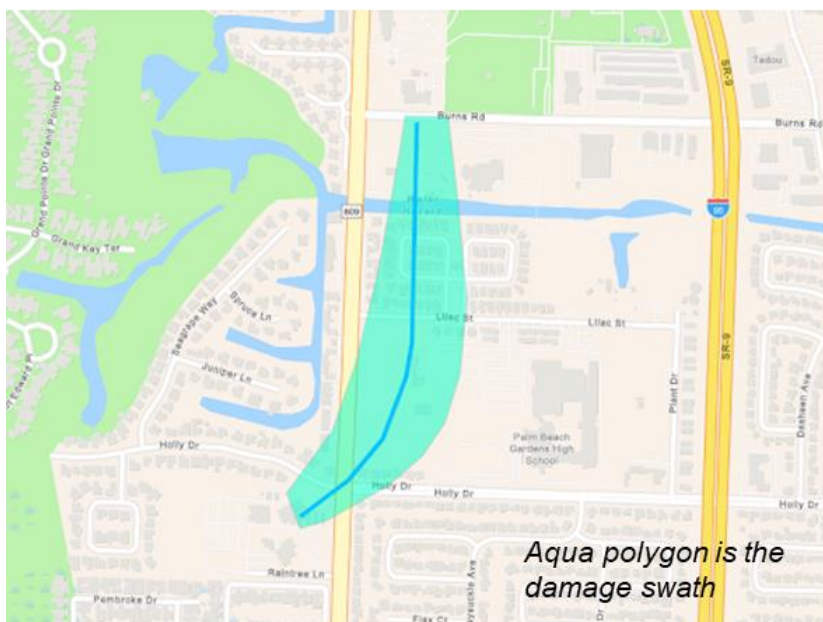
Many thanks to Palm Beach County Emergency Management for accompanying our survey team and to our local media partners for sharing video and photo evidence real time.

NOTE:

The information in this statement is preliminary and subject to change pending final review of the event and publication in NWS Storm Data.



Palm Beach Gardens Tornado Path April 6, 2022



- Time: 5:23-5:31PM
- Rating: EF-0
- Estimated Max Wind: 85 mph
- Path Length: 0.6 miles
- Max Path Width: 100 yards

Summary: Damage primarily consisted of broken large tree branches, with isolated more substantial damage to light poles and awnings, as well as siding torn off a building. The tornado moved slowly south. A 78 mph wind gust was recorded at Palm Beach Gardens High School.